E/

PRINTER RUSH
(PTO ASSISTANCE)

2nd Query

Application :	09/465705	**Examiner :**	Pezzlo	**GAU :**	2662
From:	J. Black	**Location:**	(IDC) FMF FDC	**Date:**	4/20/05

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☐ OATH		
☐ 312		
☒ SPEC	12/12/03	

[RUSH] **MESSAGE:** Amendment to page 16, line 4 is not complete.

Please respond

[XRUSH] **RESPONSE:** Corrected

Neil Clark 604-682-7780 **INITIALS:** PS

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.

REV 10/04

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AMENDMENTS TO THE SPECIFICATION

Without prejudice, please amend the disclosure as below:

Paragraph beginning at line 28 of page 7:

The transmitter 12 includes a transmission buffer 22 for queuing forward data packets 18 prior to transmission. The volume of forward data packets 18 ~~are~~that is transmitted from the transmission buffer 22 is determined by a sliding window called a "congestion window" maintained by a processor at the transmitter and operating on the transmission buffer 22. Each time a transmitted forward data packet 18 is acknowledged by the receiver 16, the congestion window advances, permitting the transmitter 12 to transmit a new forward data packet 18 onto the network 10. The size of the congestion window determines the volume of forward data packets 18 transmitted from the transmitter 12.

Paragraph beginning at line 4 of page 16:

Block 76 directs the processor circuit 50 to act as a current arrival volume filter to obtain a new current arrival volume estimate ~~$\hat{M}(n)$~~ $\dot{M}(n)$ from the queue interface 48 and to time filter the current arrival volume $\dot{M}(n)$ as a weighted sum of present and past arrival volumes, in this embodiment according to the equation ~~$\hat{M}(n) = \Theta\hat{M}(n-1) + (1-\Theta)\dot{M}(n)$~~ $\hat{M}(n) = \Theta\hat{M}(n-1) + (1-\Theta)\dot{M}(n)$, where Θ is a weighting constant between 0 and 1, pre-programmable by a user to produce a filtered current arrival volume estimate. The use of the current arrival volume filter reduces the effect of sudden bursts of data such as those transmitted according to TCP, on the filtered arrival volume estimate.

3 Words = 54 p7 l19
3 Words = 258